

ABSTRACT

Disclosed is a nuclease resistant nucleotide compound capable of hybridizing with a complementary RNA in a manner which inhibits the function thereof, which modified nucleotide compound includes at least one component selected from the group consisting of MN_3M , $B(N)_xM$ and $M(N)_xB$ wherein N is a phosphodiester-linked modified ~~or unmodified~~ 2'-deoxynucleoside moiety; M is a moiety that confers endonuclease resistance on said component and that contains at least one modified or unmodified nucleic acid base; B is a moiety that confers exonuclease resistance to the terminus to which it is attached; ^{and} x is an integer of at least 2.